



**KEY**

**Green Roof System Q37/130A**

Wallbam M-Tray modular green roof system - installed loose and clipped together in-situ over proprietary geotextile membrane and single ply finished roof buildup. No irrigation system - roof level tap provided for maintenance.

- Biodiverse wildflower vegetation mix (refer to landscape architect specification).
- 100mm high M Tray modular green roof container
- Tray comprises Pre-grown, multi-layered green roof system with drainage membrane, filtration layers, substrate and vegetation pre-installed
- 300gsm recycled fleece separation and filtration geotextile layer to protect waterproofing membrane and provide drainage filtration.

**Substrate to Green Roof**

J42/111A Robust, low maintenance single ply roof finish on rigid insulation with pc concrete planks laid to falls, comprising:

- Adhered PVC polymeric fleece backed roofing membrane
- 130mm rigid PIR insulation
- 200mm precast concrete hollowcore planks laid to falls

— PVC polymeric fleece backed roofing membrane

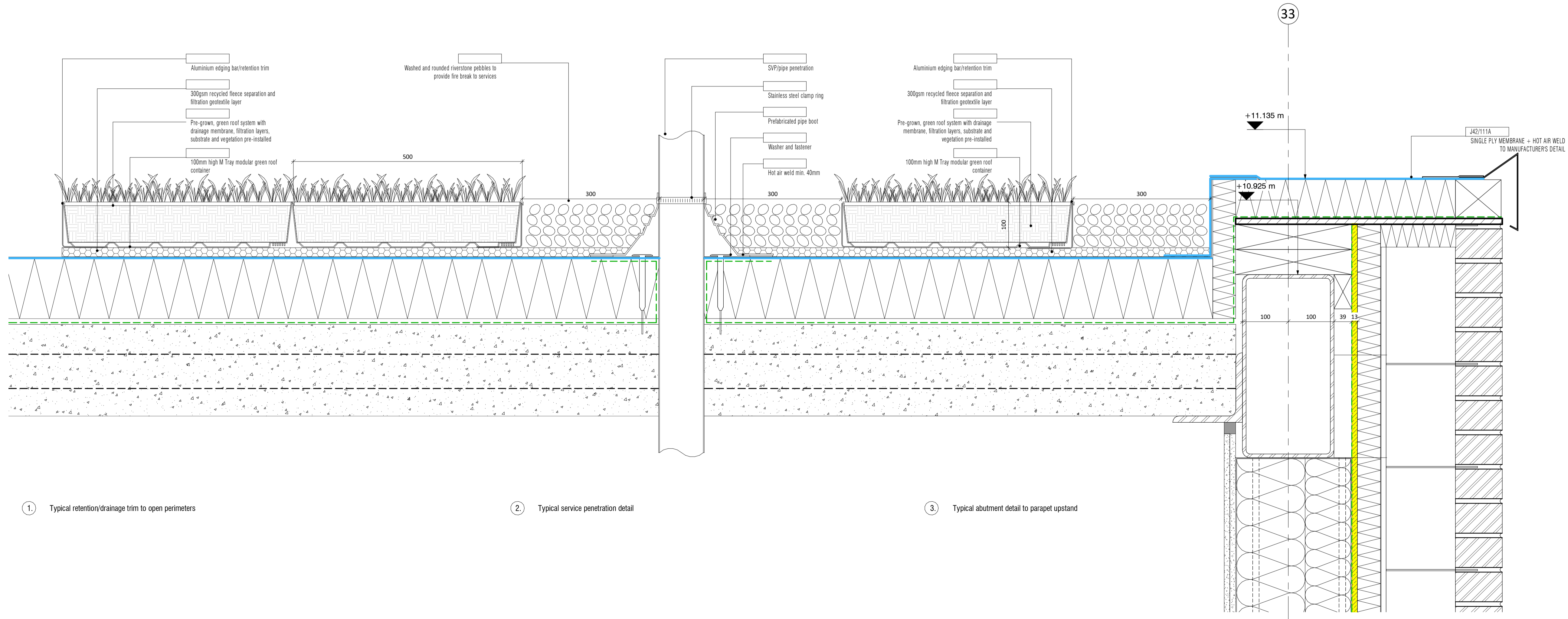
- - - Vapour Barrier

Notional air tightness line - all penetrations sealed

300gsm recycled fleece separation and filtration geotextile layer

Washed and rounded riverstone pebbles at abutments, service penetrations and rooflights. Min. 300mm width.

Green Roof Location Plan  
1:200



1. Typical retention/drainage trim to open perimeters

2. Typical service penetration detail

3. Typical abutment detail to parapet upstand

1. Typical Green Roof Details  
1:5

CD1	SH	CB	29.05.20	For Construction
PD2	CB	ND	18.10.19	External packages draft issue for comment
PD1	SH	CB	16.09.19	Green Roof and Wall Issue

REV	AUTHOR	CHECK	DATE	DESCRIPTION	REVISED BY
					SH
					CB
					ORIGINATOR NO
					151547

CONSULTANT  
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PROJECT  
Turing House School  
Twickenham

DRAWING TITLE  
**Green Roof Details**

SUITABILITY STATUS  
As indicated @ A1

PROJECT   ORIGINATOR   ZONE   LEVEL   TYPE   ROLE   NUMBER	REVISION
FS0316-STL-01-XX-DR-A-4124	C01